EXHIBIT 300   **CAPITAL ASSET PLAN AND BUSINESS CASE SUMMARY**

Exhibit 300: Capital Asset Plan and Business Case Summary
Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. **Date of Submission:** 2010-03-10 08:58:19

2. **Agency:** 007

3. **Bureau:** 57

4. **Name of this Investment:** Global Combat Support System - Air Force

5. **Unique Project (Investment) Identifier:** 007-57-05-07-01-5069-00

6. **What kind of investment will this be in FY 2011?:** Mixed Life Cycle
   - Planning
   - Full Acquisition
   - Operations and Maintenance
   - Mixed Life Cycle
   - Multi-Agency Collaboration

7. **What was the first budget year this investment was submitted to OMB?** *

8. **Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.**

 GCSS-AF is the means by which Agile Combat Support (ACS) Automated Information Systems (AIS) will be integrated to improve business processes. GCSS-AF provides a core set of infrastructure services for global combat support information, with appropriate security credentials to any authorized entity. The Integration Framework (IF) is a modern, web-based, service-oriented architecture based system that enables the Air Force to integrate and deliver decision quality asset visibility information to AF MAJCOM and Combatant Commanders. GCSS-AF boasts more than 800K military, civilian and contractor users supporting the Department of Defense (DoD). Primary GCSS-AF components include: 1) The Integration Framework which provides a common hosting and messaging environment; 2) Security services which provide mechanisms to identify and authenticate individual users for role-based access, supporting Public Key Infrastructure (PKI) certificates and keys which allow for integration and interoperability of automated information systems (AISs) and cross-functional capabilities to facilitate secure, data sharing across functional domains; 3) the AF Portal, with security layers, to provide a common secure entry point for a reduced sign-on capability to mission applications; 4) a presentation layer on both the Non-classified Internet Protocol Router Network (NIPRNET) and Secret Internet Protocol Router Network (SIPRNet); and 5) Data Services warehouse which is a consolidated repository of AF combat support information. The warehouse allows for a consolidation of automated information systems to enhance business processing efficiencies and supporting business analytics to allow our Expeditionary Aerospace Force to execute the Air Force mission throughout the full spectrum of military operations. The modernized systems are being developed in compliance with and hosted on the Defense Information Infrastructure Common Operating Environment. These collective applications and capabilities provide the essential combat support which map to functional areas defined in the USAF Agile Combat Support (ACS) Concept of Operations (CONOPS) dated 15 July 2005.

   a. **Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned)alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

9. **Did the Agency's Executive/Investment Committee approve this request?** *

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a. **If "yes," what was the date of this approval?** *

10. Contact information of Program/Project Manager?
- **Name:** *
- **Phone Number:** *
- **Email:** *

11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? *
- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

a. **If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one):** *
- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

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Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)								
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*

Government FTE Costs should not be included in the amounts provided above.

Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:
*

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Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table 1: Contracts/Task Orders Table											
Contract or Task Order Number	Type of Contract/Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
F01620-96-D-0004 IDIQ Base Contract plus options to provides single contract for overarching system engineering and provides total system integration responsibility under one contract.	IDIQ with multiple types (CPAF/CPFF/FFP)	Y	1996-08-15	1996-08-16	2008-12-31	$987.0	*	*	*	*	*
FA8771-10-D-0079 Bridge Contract TO0003-TO0006	IDIQ with multiple types	Y	2009-12-09	2009-12-09	2010-12-09	$78.5	*	*	*	*	*
FA8771-04-D-0007 (TO 0078)	IDIQ with multiple CLIN types GCSS-AF uses to pay for Field Assistance Support to the Air Force Portal.	Y	2009-12-31	2010-01-01	2010-12-31	$3.0	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? *
   a.**If "yes," what is the date?** *

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Section D: Performance Information (All Capital Assets)

			Table 1: Performance Information Table				
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
2010	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities) that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	128 functional data application sets (capabilities) make up the GCSS-AF DS data warehouse at end of FY10	20 new applications/ capabilities	5 new capabilities.
2011	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities) that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	148 functional data application sets (capabilities) make up the GCSS-AF DS data warehouse at end of FY11	20 new applications/ capabilities	TBD
2012	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities) that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	168 functional data application sets (capabilities) make up the GCSS-AF DS data warehouse at end of FY12	10 new applications/ capabilities	TBD
2013	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities) that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	178 functional data application sets (capabilities) make up the GCSS-AF DS data warehouse at end of FY13	10 new applications/cap abilities	TBD
2014	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities)	188 functional data application sets (capabilities) make up the GCSS-AF DS	7 new applications/cap abilities	TBD

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	data warehouse at end of FY14		
2015	Reshaping the Defense Enterprise	*	*	Track the number of functional sets of application data (capabilities) that are added to the data warehouse for on-line analytical processing (OLAP) and reporting	195 functional data application sets (capabilities) make up the GCSS-AF DS data warehouse at end of FY15	7 new applications/capabilities	TBD
2010	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the market penetration of GCSS-AF as an enterprise tool	801,850 GCSS-AF registered users (as of 22 January 2010)	An increase of 40,000+ GCSS-AF active registered users	24778 active new users as of 22 January 2010
2011	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the market penetration of GCSS-AF as an enterprise tool	841,850 expected GCSS-AF registered users at end of FY10	An increase of 5,000 GCSS-AF active registered users	TBD
2012	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the market penetration of GCSS-AF as an enterprise tool	846,850 expected GCSS-AF registered users at end of FY11	An increase of 5,000 GCSS-AF active registered users	TBD
2013	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the	851,850 expected GCSS-AF registered users at end of FY12	An increase of 5,000 GCSS-AF active registered users	TBD

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				market penetration of GCSS-AF as an enterprise tool			
2014	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the market penetration of GCSS-AF as an enterprise tool	856,850 expected GCSS-AF registered users at end of FY13	An increase of 5,000 GCSS-AF active registered users	TBD
2015	Developing a 21st Century Total Force	*	*	Track the number of active registered users using GCSS-AF in performing their job as a witness to the market penetration of GCSS-AF as an enterprise tool	861,850 expected GCSS-AF registered users at end of FY14	An increase of 5,000 GCSS-AF active registered users	TBD
2010	Reshaping the Defense Enterprise	*	*	CAC enable the AF Portal to provide enterprise-level authentication and authorization	The Smart Card technology provided by implementing CAC logon provides over 30 hosted application and 100 Reduced Sign-On apps security authentication and authorization	Implement CAC logon to meet JTF GNO Communications Task Order mandate regarding Smart Card technology in order to provide over 30 hosted application and 100 Reduced Sign-On apps security authentication and authorization	CAC enabled Login implemented 15 January 2010. PMO and Lead Command continue to work with Users/Applications that require assistance.
2010	Reshaping the Defense Enterprise	*	*	Provide disaster recovery and continuity of operations through technological advances provided by virtual operations	GCSS-AF must continuously provide survivable, interoperable, secure, and operationally effective information exchanges to enable a Net-Centric military capability for support of 50% of applicable mission essential Air Force Mission	Test processes and procedures to ensure continuity of operations exists for defined mission application with Recovery Time Objective (RTO) of 24 hours (MAC II requirement); production environment for DEAMs users within 6 hours of failure	GCSS-AF COOP Capability stood up at DISA site in Ogden UT. DEAMS COOP testing notionally planned for March 2010, but is contingent upon DEAMS Program execution. GCSS-AF is ready for DEAMS.

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	Table 1: Performance Information Table						
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
					applications.		
2010	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer, increases security and reduces stove-piped security implementation.	300 Mission Applications/Reduced sign-on applications	5 Applications/reduced sign-on (RSO) applications brought to production per year.	As of 22 Jan 2010 40 mission apps and 247 RSOs are hosted on NIPRNET and SIPRNET
2011	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer, increases security and reduces stove-piped security implementation	305 Applications/Capabilities (plus 249 reduced sign-on applications)	5 Applications/reduced sign-on (RSO) applications brought to production per year.	TBD
2012	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer, increases security and reduces stove-piped security implementation	315 Applications/Capabilities (plus 254 reduced sign-on applications)	10 Applications/reduced sign-on (RSO) applications brought to production per year.	TBD
2013	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer, increases security and reduces stove-piped security implementation.	325 Applications/Capabilities (plus 259 reduced sign-on applications)	10 Applications/reduced sign-on (RSO) applications brought to production per year.	TBD
2014	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer,	335 Applications/Capabilities (plus 249 reduced sign-on applications)	5 Applications/reduced sign-on (RSO) applications brought to production per year.	TBD
2015	Reshaping the Defense Enterprise	*	*	Number of applications/capabilities brought under the GCSS-AF Security Layer,	340 Applications/Capabilities (plus 249 reduced sign-on applications)	5 Applications/reduced sign-on (RSO) applications brought to production per year.	TBD

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2010	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	Availability baseline has been met. Cumulative IF availability as of 15 January 2010 is 99.9%
2011	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	TBD
2012	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	TBD
2013	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	TBD
2014	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	TBD
2015	Reshaping the Defense Enterprise	*	*	GCSS-AF Integrated Framework Availability	23.5 hours a day, 7 days a week.	24 hours a day, 7 days a week	TBD
2014	Reshaping the Defense Enterprise	*	*	Service Oriented Architecture (SOA) with an effective meta-data environment and AF Enterprise Identity Repository	75% of AF communities/organizations able to discover, access, share, information services. Users able to discover properly catalogued ontology within 5 minutes of query	5% increase of communities/organization able to discover, access, share information services. User query responses improve by 1 minute from initiation.	TBD
2011	Reshaping the Defense Enterprise	*	*	NIPRNet Search function returns results that more closely matches the relative importance and centrality requirements of the user in less than three seconds.	The relevance of results returned from a search query using the AF Portal Search function returns results are deemed valuable by the recipient. The query data is returned within 7 seconds of entering the search criteria.	Of the over 800,000 users of the AF Portal, there is quantifiable user feedback metrics indicates that Search functionality has improved and the feedback shows a positive trend. Results are returned within 5 seconds.	TBD
2012	Reshaping the Defense Enterprise	*	*	NIPRNet Search function returns results that more closely matches the relative importance and	The relevance of results returned from a search query using the AF Portal Search function returns	Of the over 800,000 users of the AF Portal, there is quantifiable user feedback metrics	

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Table 1: Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				centrality requirements of the user in less than three seconds.	results are deemed valuable by the recipient. The query data is returned within 5 seconds of entering the search criteria.	indicates that Search functionality has improved and the feedback shows a positive trend. Results are returned within 3 seconds.	
2011	Reshaping the Defense Enterprise	*	*	GCSS-AF fuses logistic capabilities for greater interoperability.	90% successful testing of leveraged net-centric, web-enabled capabilities and interface services offered by the GCSS-AF program.	90% successful testing of leveraged net-centric, web-enabled capabilities and interface services offered by the GCSS-AF program.	

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Part II: Planning, Acquisition And Performance Information

Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline

Description of Milestones	Planned Cost ($M)	Actual Cost ($M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
In Dec 01, GCSS-AF was declared a DoD Rapid Improvement Team (RIT) program and operated as such for 3 years. Under the RIT process Evolutionary Acquisition Decision Reviews were conducted IAW pgm spiral dev process w/ no addtl milestones to report.	$830.0	$800.4	2001-12-15	2001-12-31	2009-12-09	2009-12-09	100.00%	95.00%
World Wide Roll Out of Air Force Portal--the presentation layer for GCSS-AF. Continued to develop capability for the IF and application hosting; comprised of a set of common tools (security, presentation services, performance mgt, COTS S/W, etc.).	$77.8	$70.4	2001-12-15	2001-12-31	2004-04-30	2004-04-01	100.00%	100.00%
The Full Deployment Decision Review was replanned for October 2009 and subsequently was rescheduled for December 2009.	$81.8	$81.8	2008-07-01	2008-07-01	2009-10-30	2009-12-14	100.00%	95.00%
Award of GCSS-AF Bridge	$78.5	$0.0	2009-09-28	2009-12-09	2011-06-01		28.00%	35.00%

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1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost ($M)	Actual Cost ($M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Contract. Avoids gap in service due to delayed award of the GCSS-AF Engineering and Sustainment contract.								
Award of the follow-On GCSS-AF Engineering & Sustainment contract to support enterprise services in existing NIPR and SIPR environments	*	*	2011-04-21		2018-02-19		0.00%	0.00%

* - Indicates data is redacted.